| L Number | Hits | Search Text | DB | Time stamp |
|---|---|---|---|---|
| 28 | 0 | (memor$ adj cell$4 or cell$4 adj memor$) and test$4 and (diagon$ or matr$ or horiz$ or vertic$) and memor$ adj array$ adj cell4 adj test and interlac$ | USPAT; US-PGPUB; EPO; JPO | 2003/08/26 10:40 |
| 30 | 0 | (memor$ adj cell$4 or cell$4 adj memor$) and test$4 and (diagon$ or matr$ or horiz$ or vertic$) and memor$ adj array$ adj cell$4 adj test$ | USPAT; US-PGPUB; EPO; JPO | 2003/08/26 10:42 |
| 31 | 60 | (memor$ adj cell$4 or cell$4 adj memor$) and test$4 and (diagon$ or matr$ or horiz$ or vertic$) and memor$ adj array$ adj cell$4 | USPAT; US-PGPUB; EPO; JPO | 2003/08/26 10:52 |
| 32 | 60 | (memor$ adj cell$4 or cell$4 adj memor$) and test$4 and (diagon$ or matr$ or horiz$ or vertic$) and (memor$ adj array$ adj cell$4 and test$4) | USPAT; US-PGPUB; EPO; JPO | 2003/08/26 10:55 |
| 33 | 1 | (memor$ adj cell$4 or cell$4 adj memor$) and test$4 and (diagon$ and horiz$ and vertic$) and (memor$ adj array$ adj cell$4 and test$4) | USPAT; US-PGPUB; EPO; JPO | 2003/08/26 11:45 |
| 34 | 1 | (memor$ adj cell$4 or cell$4 adj memor$) and test$4 and (diagon$ and horiz$ and vertic$) and (memor$ adj array$ adj cell$4) | USPAT; US-PGPUB; EPO; JPO | 2003/08/26 11:47 |
| 35 | 1 | (memor$ adj cell$4 or cell$4 adj memor$) and (test$4 or check$4) and (diagon$ and horiz$ and vertic$) and (memor$ adj array$ adj cell$4) | USPAT; US-PGPUB; EPO; JPO | 2003/08/26 11:49 |
| 36 | 2 | (memor$ adj cell$4 or cell$4 adj memor$) and (test$4 or check$4) and (diagon$ and horiz$ and vertic$) | USPAT; US-PGPUB; EPO; JPO | 2003/08/26 11:50 |
| - | 5102 | (memor$ adj cell$4 or cell$4 adj memor$) and test$4 and (diagon$ or matr$ or horiz$ or vertic$) | USPAT | 2003/08/22 10:31 |
| - | 6555 | (memor$ adj cell$4 or cell$4 adj memor$) and test$4 and (diagon$ or matr$ or horiz$ or vertic$) | USPAT; US-PGPUB; EPO; JPO | 2003/08/22 10:32 |
| - | 178 | (memor$ adj cell$4 or cell$4 adj memor$) and test$4 and (diagon$ or matr$ or horiz$ or vertic$) and interlac$ | USPAT; US-PGPUB; EPO; JPO | 2003/08/22 10:47 |
| - | 0 | (memor$ adj cell$4 or cell$4 adj memor$) and test$4 and (diagon$ or matr$ or horiz$ or vertic$) and interlac$ and jackson adj walker.as. | USPAT; US-PGPUB; EPO; JPO | 2003/08/22 10:49 |
| - | 0 | (memor$ adj cell$4 or cell$4 adj memor$) and test$4 and (diagon$ or matr$ or horiz$ or vertic$) and interlac$ and lee--chen.in. | USPAT; US-PGPUB; EPO; JPO | 2003/08/22 10:50 |
| - | 3 | (memor$ adj cell$4 or cell$4 adj memor$) and test$4 and (diagon$ or matr$ or horiz$ or vertic$) and interlac$ and lee.in. | USPAT; US-PGPUB; EPO; JPO | 2003/08/26 08:34 |
| - | 140 | (memor$ adj cell$4 or cell$4 adj memor$) and test$4 and (diagon$ or matr$ or horiz$ or vertic$) and interlac$ and pattern | USPAT; US-PGPUB; EPO; JPO | 2003/08/22 10:52 |
| - | 67 | (memor$ adj cell$4 or cell$4 adj memor$) and test$4 and (diagon$ or matr$ or horiz$ or vertic$) and memor$ adj array$ and interlac$ | USPAT; US-PGPUB; EPO; JPO | 2003/08/26 10:38 |

C:\APPS\EAST\Workspaces\886225.wsp

| | U | 1 | Document ID | Issue Date | Pages |
|---|---|---|---|---|---|
| 1 | ☐ | ☒ | US 20020078407 A1 | 20020620 | 21 |
| 2 | ☐ | ☒ | US 6141721 A | 20001031 | 334 |
| 3 | ☐ | ☒ | US 5974521 A | 19991026 | 55 |
| 4 | ☐ | ☒ | US 5937202 A | 19990810 | 219 |
| 5 | ☐ | ☒ | US 5418952 A | 19950523 | 29 |
| 6 | ☐ | ☒ | US 4385322 A | 19830524 | 17 |
| 7 | ☐ | ☒ | US 6028810 A | 20000222 | 125 |
| 8 | ☐ | ☒ | US 6175532 B1 | 20010116 | 123 |
| 9 | ☐ | ☒ | US 5835436 A | 19981110 | 126 |
| 10 | ☐ | ☒ | US 6522594 B1 | 20030218 | 25 |
| 11 | ☐ | ☒ | US 6038682 A | 20000314 | 46 |
| 12 | ☐ | ☒ | JP 63056900 A | 19880311 | 7 |
| 13 | ☐ | ☒ | JP 62259300 A | 19871111 | 6 |

| | Title | Current OR | Current XRef |
|---|---|---|---|
| 1 | Memory interlace-checking method | 714/718 | |
| 2 | Method of asynchronous memory access | 711/1 | 365/189.04; 365/230.02; 365/230.06; 711/105; 711/167; 711/168 |
| 3 | Apparatus and method for signal processing | 712/11 | 712/34; 712/35 |
| 4 | High-speed, parallel, processor architecture for front-end electronics, based on a single type of ASIC, and method use thereof | 712/19 | 712/11 |
| 5 | Parallel processor cell computer system | 712/14 | 712/20 |
| 6 | Pattern recognition apparatus and method | 348/243 | 358/461 |
| 7 | Fast accessible dynamic type semiconductor memory device | 365/230.03 | |
| 8 | Fast accessible dynamic type semiconductor memory device | 365/230.03 | 365/189.05 |
| 9 | Dynamic type semiconductor memory device capable of transferring data between array blocks at high speed | 365/230.03 | 365/222 |
| 10 | Memory array incorporating noise detection line | 365/206 | 365/105; 365/51; 365/63 |
| 11 | Fault tolerant data processing system fabricated on a monolithic substrate | 714/10 | |
| 12 | SEMICONDUCTOR MEMORY | | 714/718 |
| 13 | SEMICONDUCTOR MEMORY | | 365/174 |

| | Retrieval Classif | Inventor | S | C | P | 2 | 3 | 4 | 5 |
|---|---|---|---|---|---|---|---|---|---|
| 1 | | Lee, Chen-Tsai | ☒ | ☐ | ☐ | ☐ | ☐ | ☐ | ☐ |
| 2 | | Patterson, Donald William et al. | ☒ | ☐ | ☐ | ☐ | ☐ | ☐ | ☐ |
| 3 | | Akerib, Avidan | ☒ | ☐ | ☐ | ☐ | ☐ | ☐ | ☐ |
| 4 | | Crosetto, Dario B. | ☒ | ☐ | ☐ | ☐ | ☐ | ☐ | ☐ |
| 5 | | Morley, Richard E. et al. | ☒ | ☐ | ☐ | ☐ | ☐ | ☐ | ☐ |
| 6 | | Hubach, Richard A. et al. | ☒ | ☐ | ☐ | ☐ | ☐ | ☐ | ☐ |
| 7 | | Ooishi, Tsukasa | ☒ | ☐ | ☐ | ☐ | ☐ | ☐ | ☐ |
| 8 | | Ooishi, Tsukasa | ☒ | ☐ | ☐ | ☐ | ☐ | ☐ | ☐ |
| 9 | | Ooishi, Tsukasa | ☒ | ☐ | ☐ | ☐ | ☐ | ☐ | ☐ |
| 10 | | Scheuerlein, Roy E. | ☒ | ☐ | ☐ | ☐ | ☐ | ☐ | ☐ |
| 11 | | Norman, Richard S. | ☒ | ☐ | ☐ | ☐ | ☐ | ☐ | ☐ |
| 12 | | YAMADA, TAKAHIRO | ☒ | ☐ | ☐ | ☐ | ☐ | ☐ | ☐ |
| 13 | | YAMADA, TAKAHIRO | ☒ | ☐ | ☐ | ☐ | ☐ | ☐ | ☐ |

|    | Image Doc. Displayed | PT |
|----|----------------------|-----|
| 1  | US 20020078407       | ☐  |
| 2  | US 6141721           | ☐  |
| 3  | US 5974521           | ☐  |
| 4  | US 5937202           | ☐  |
| 5  | US 5418952           | ☐  |
| 6  | US 4385322           | ☐  |
| 7  | US 6028810           | ☐  |
| 8  | US 6175532           | ☐  |
| 9  | US 5835436           | ☐  |
| 10 | US 6522594           | ☐  |
| 11 | US 6038682           | ☐  |
| 12 | JP 63056900 A        | ☐  |
| 13 | JP 62259300 A        | ☐  |

| L Number | Hits | Search Text | DB | Time stamp |
|---|---|---|---|---|
| 28 | 0 | (memor$ adj cell$4 or cell$4 adj memor$) and test$4 and (diagon$ or matr$ or horiz$ or vertic$) and memor$ adj array$ adj cell$4 adj test and interlac$ | USPAT; US-PGPUB; EPO; JPO | 2003/08/26 10:40 |
| 30 | 0 | (memor$ adj cell$4 or cell$4 adj memor$) and test$4 and (diagon$ or matr$ or horiz$ or vertic$) and memor$ adj array$ adj cell$4 adj test$ | USPAT; US-PGPUB; EPO; JPO | 2003/08/26 10:42 |
| 31 | 60 | (memor$ adj cell$4 or cell$4 adj memor$) and test$4 and (diagon$ or matr$ or horiz$ or vertic$) and memor$ adj array$ adj cell$4 | USPAT; US-PGPUB; EPO; JPO | 2003/08/26 10:52 |
| 32 | 60 | (memor$ adj cell$4 or cell$4 adj memor$) and test$4 and (diagon$ or matr$ or horiz$ or vertic$) and (memor$ adj array$ adj cell$4 and test$4) | USPAT; US-PGPUB; EPO; JPO | 2003/08/26 10:55 |
| 33 | 1 | (memor$ adj cell$4 or cell$4 adj memor$) and test$4 and (diagon$ and horiz$ and vertic$) and (memor$ adj array$ adj cell$4 and test$4) | USPAT; US-PGPUB; EPO; JPO | 2003/08/26 11:45 |
| 34 | 1 | (memor$ adj cell$4 or cell$4 adj memor$) and test$4 and (diagon$ and horiz$ and vertic$) and (memor$ adj array$ adj cell$4) | USPAT; US-PGPUB; EPO; JPO | 2003/08/26 11:47 |
| 35 | 1 | (memor$ adj cell$4 or cell$4 adj memor$) and (test$4 or check$4) and (diagon$ and horiz$ and vertic$) and (memor$ adj array$ adj cell$4) | USPAT; US-PGPUB; EPO; JPO | 2003/08/26 11:49 |
| 36 | 2 | (memor$ adj cell$4 or cell$4 adj memor$) and (test$4 or check$4) and (diagon$ and horiz$ and vertic$) | USPAT; US-PGPUB; EPO; JPO | 2003/08/26 11:55 |
| 37 | 287 | (memor$ adj cell$4 or cell$4 adj memor$) and (test$4 or check$4) and (row$ and column$) and (diagon$ and horiz$ and vertic$) | USPAT; US-PGPUB; EPO; JPO | 2003/08/26 12:03 |
| 38 | 271 | (memor$ adj cell$4 or cell$4 adj memor$) and (test$4 or check$4) and (row$ and column$) and (diagon$ and horiz$ and vertic$) and (odd or even) | USPAT; US-PGPUB; EPO; JPO | 2003/08/26 12:10 |
| 39 | 219 | (memor$ adj cell$4 or cell$4 adj memor$) and (test$4 or check$4) and (row$ and column$) and (diagon$ and horiz$ and vertic$) and (odd or even) and pattern$ | USPAT; US-PGPUB; EPO; JPO | 2003/08/26 12:12 |
| 40 | 66 | (memor$ adj cell$4 or cell$4 adj memor$) and (test$4 or check$4) and (row$ and column$) and (diagon$ and horiz$ and vertic$) and (odd or even) and pattern$ and net | USPAT; US-PGPUB; EPO; JPO | 2003/08/26 12:24 |
| 41 | 24 | (memor$ adj cell$4 or cell$4 adj memor$) and (test$4 or check$4) and (row$ and column$) and (diagon$ and horiz$ and vertic$) and (odd and even) and pattern$ and net | USPAT; US-PGPUB; EPO; JPO | 2003/08/26 12:29 |
| 42 | 0 | (memor$ adj cell$4 or cell$4 adj memor$) and (test$4 or check$4) and (row$ and column$) and (diagon$ and horiz$ and vertic$) and (odd and even) and pattern$ and net and test$4 adj direction$ | USPAT; US-PGPUB; EPO; JPO | 2003/08/26 12:30 |
| 43 | 0 | (memor$ adj cell$4 or cell$4 adj memor$) and (test$4 or check$4) and (row$ and column$) and (diagon$ and horiz$ and vertic$) and (odd and even) and pattern$ and (net$2 or lac$4) and test$4 adj direction$ | USPAT; US-PGPUB; EPO; JPO | 2003/08/26 12:31 |
| 45 | 0 | (memor$ adj cell$4 or cell$4 adj memor$) and ((test$4 or check$4) adj direct$) and (row$ and column$) and (diagon$ and horiz$ and vertic$) and (odd and even) and pattern$ and (net$2 or lac$4) and direct$ | USPAT; US-PGPUB; EPO; JPO | 2003/08/26 12:34 |

| 46 | 0 | (memor$ adj cell$4 or cell$4 adj memor$) and ((test$4 or check$4 or diagno$) adj direct$) and (row$ and column$) and (diagon$ and horiz$ and vertic$) and (odd and even) and pattern$ and (net$2 or lac$4) and direct$ | USPAT; US-PGPUB; EPO; JPO | 2003/08/26 12:35 |
|---|---|---|---|---|
| 44 | 40 | (memor$ adj cell$4 or cell$4 adj memor$) and (test$4 or check$4) and (row$ and column$) and (diagon$ and horiz$ and vertic$) and (odd and even) and pattern$ and (net$2 or lac$4) and direction$ | USPAT; US-PGPUB; EPO; JPO | 2003/08/26 12:45 |
| 47 | 70 | (memor$ adj cell$4 or cell$4 adj memor$) and (test$4 or check$4) and (row$ and column$) and (diagon$ and horiz$ and vertic$) and (odd and even) and pattern$ and (net$2 or lac$4) and direct$ | USPAT; US-PGPUB; EPO; JPO | 2003/08/26 12:46 |
| 49 | 0 | (memor$ adj array adj cell$4 or cell$4 adj memor$ adj array) and (test$4 or check$4) and (row$ and column$) and (diagon$ and horiz$ and vertic$) and (odd and even) and pattern$ and (net$2 or lac$4) and direct$ | USPAT; US-PGPUB; EPO; JPO | 2003/08/26 12:50 |
| 48 | 69 | ((memor$ adj cell$4 or cell$4 adj memor$) and array) and (test$4 or check$4) and (row$ and column$) and (diagon$ and horiz$ and vertic$) and (odd and even) and pattern$ and (net$2 or lac$4) and direct$ | USPAT; US-PGPUB; EPO; JPO | 2003/08/26 13:23 |
| 50 | 8 | 6138125..pn. | USPAT; US-PGPUB; EPO; JPO | 2003/08/26 12:51 |
| 51 | 1 | 6138125.pn. | USPAT; US-PGPUB; EPO; JPO | 2003/08/26 12:52 |
| 52 | 0 | 30187.pn. | USPAT; US-PGPUB; EPO; JPO | 2003/08/26 12:52 |
| 53 | 1 | re30187.pn. | USPAT; US-PGPUB; EPO; JPO | 2003/08/26 12:52 |
| 57 | 204808 | ((memor$ adj cell$4 or cell$4 adj memor$) and array) and (test$4 or check$4) and (odd and row$) or (odd and column$) or (even and row$) or (even and column$) and (diagon$ and horiz$ and vertic$) and pattern$ and (net$2 or lac$4) | USPAT; US-PGPUB; EPO; JPO | 2003/08/26 13:37 |
| 58 | 69 | ((memor$ adj cell$4 or cell$4 adj memor$) and array) and (test$4 or check$4) and (odd and row$) and (odd and column$) and (even and row$) and (even and column$) and (diagon$ and horiz$ and vertic$) and pattern$ and (net$2 or lac$4) | USPAT; US-PGPUB; EPO; JPO | 2003/08/26 13:41 |
| 59 | 108 | ((memor$ adj cell$4 or cell$4 adj memor$) and array) and (test$4 or check$4) and (odd and row$) and (odd and column$) and (even and row$) and (even and column$) and (diagon$ and horiz$ and vertic$) | USPAT; US-PGPUB; EPO; JPO | 2003/08/26 14:10 |
| 60 | 1 | 5959891.pn. | USPAT; US-PGPUB; EPO; JPO | 2003/08/26 13:57 |
| 61 | 1 | 5841709.pn. | USPAT; US-PGPUB; EPO; JPO | 2003/08/26 14:08 |
| 62 | 304 | 365/230.04.ccls. | USPAT; US-PGPUB; EPO; JPO | 2003/08/26 14:09 |
| 63 | 108 | ((memor$ adj cell$4 or cell$4 adj memor$) and array) and (test$4 or check$4) and (odd and row$) and (odd and column$) and (even and row$) and (even and column$) and (diagon$ and horiz$ and vertic$) and365/230.04.ccls. | USPAT; US-PGPUB; EPO; JPO | 2003/08/26 14:12 |

| 64 | 1 | ((memor$ adj cell$4 or cell$4 adj memor$) and array) and (test$4 or check$4) and (odd and row$) and (odd and column$) and (even and row$) and (even and column$) and (diagon$ and horiz$ and vertic$) and 365/230.04.ccls. | USPAT; US-PGPUB; EPO; JPO | 2003/08/26 14:19 |
|---|---|---|---|---|
| 66 | 0 | ((memor$ adj cell$4 or cell$4 adj memor$) and array) and (test$4 or check$4) and (memor$ adj (test$4 or check$4)) and (odd and row$) and (odd and column$) and (even and row$) and (even and column$) and (diagon$ and horiz$ and vertic$) and 365/230.04.ccls. | USPAT; US-PGPUB; EPO; JPO | 2003/08/26 14:23 |
| 67 | 0 | ((memor$ adj cell$4 or cell$4 adj memor$) and array) and (test$4 or check$4 or diagno$) and (memor$ adj (test$4 or check$4)) and (odd and row$) and (odd and column$) and (even and row$) and (even and column$) and (diagon$ and horiz$ and vertic$) and (365/230.04.ccls. or 365/200.ccls. or 365/201.ccls. or 714/702.ccls. or 714/730.ccls. or 714/720.ccls.) | USPAT; US-PGPUB; EPO; JPO | 2003/08/26 14:24 |
| 68 | 1 | ((memor$ adj cell$4 or cell$4 adj memor$) and array) and (test$4 or check$4 or diagno$) and (odd and row$) and (odd and column$) and (even and row$) and (even and column$) and (diagon$ and horiz$ and vertic$) and (365/230.04.ccls. or 365/200.ccls. or 365/201.ccls. or 714/702.ccls. or 714/730.ccls. or 714/720.ccls.) | USPAT; US-PGPUB; EPO; JPO | 2003/08/26 14:25 |
| - | 5102 | (memor$ adj cell$4 or cell$4 adj memor$) and test$4 and (diagon$ or matr$ or horiz$ or vertic$) | USPAT | 2003/08/22 10:31 |
| - | 6555 | (memor$ adj cell$4 or cell$4 adj memor$) and test$4 and (diagon$ or matr$ or horiz$ or vertic$) | USPAT; US-PGPUB; EPO; JPO | 2003/08/22 10:32 |
| - | 178 | (memor$ adj cell$4 or cell$4 adj memor$) and test$4 and (diagon$ or matr$ or horiz$ or vertic$) and interlac$ | USPAT; US-PGPUB; EPO; JPO | 2003/08/22 10:47 |
| - | 0 | (memor$ adj cell$4 or cell$4 adj memor$) and test$4 and (diagon$ or matr$ or horiz$ or vertic$) and interlac$ and jackson adj walker.as. | USPAT; US-PGPUB; EPO; JPO | 2003/08/22 10:49 |
| - | 0 | (memor$ adj cell$4 or cell$4 adj memor$) and test$4 and (diagon$ or matr$ or horiz$ or vertic$) and interlac$ and lee--chen.in. | USPAT; US-PGPUB; EPO; JPO | 2003/08/22 10:50 |
| - | 3 | (memor$ adj cell$4 or cell$4 adj memor$) and test$4 and (diagon$ or matr$ or horiz$ or vertic$) and interlac$ and lee.in. | USPAT; US-PGPUB; EPO; JPO | 2003/08/26 08:34 |
| - | 140 | (memor$ adj cell$4 or cell$4 adj memor$) and test$4 and (diagon$ or matr$ or horiz$ or vertic$) and interlac$ and pattern | USPAT; US-PGPUB; EPO; JPO | 2003/08/22 10:52 |
| - | 67 | (memor$ adj cell$4 or cell$4 adj memor$) and test$4 and (diagon$ or matr$ or horiz$ or vertic$) and memor$ adj array$ and interlac$ | USPAT; US-PGPUB; EPO; JPO | 2003/08/26 10:38 |